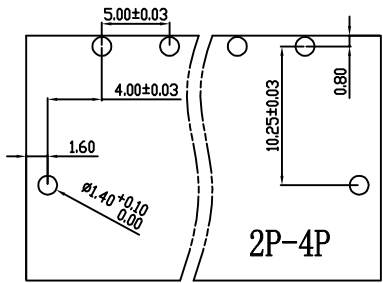
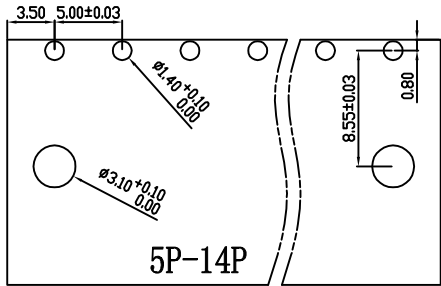
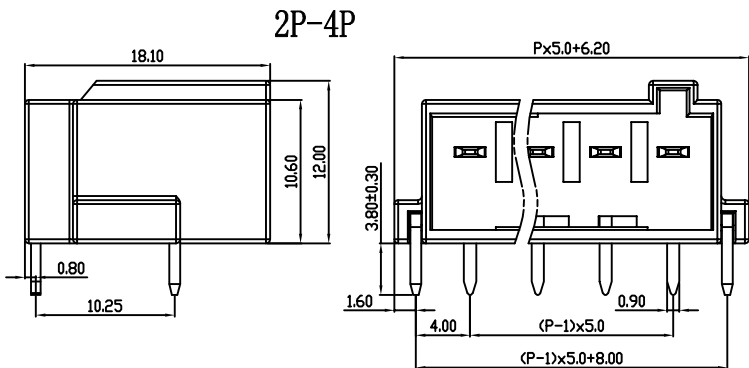
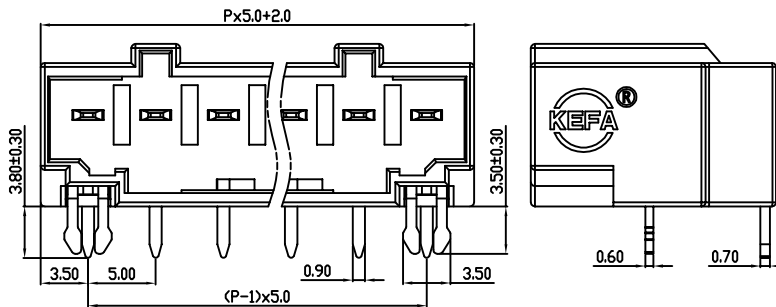
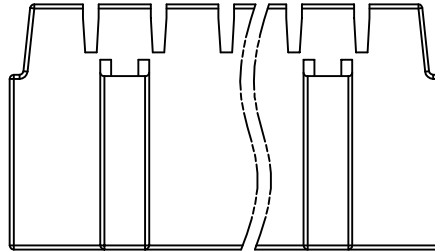
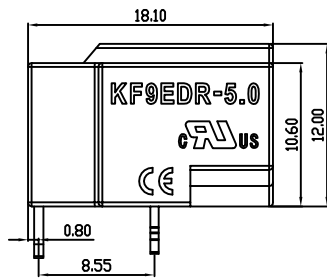


| linear dimension(Tolerances Standard GB/T 14486-2008) |       |        |         |         |         |          |          | — ▯ ⊥ |         |          |
|---|-------|--------|---------|---------|---------|----------|----------|-------|---------|----------|
| variable range  | to    | over 6 | over 10 | over 30 | over 60 | over 100 | over 160 | to    | over 10 | over 100 |
|   | 6     | to 10  | to 30   | to 60   | to 100  | to 160   | to 10    |       | to 100  | to       |
| tolerance   | ±0.20 | ±0.30  | ±0.50   | ±0.70   | ±1.00   | ±1.30    | ±1.60    | 0.10  | 0.30    | 0.60     |



PCB Layout



| REVISION RECORD |             |         |          |          |
|-----------------|-------------|---------|----------|----------|
| REV.            | DESCRIPTION | ECN No. | APPROVED | DATE     |
| A               | 新发行         |         | CLF      | 22.04.13 |
|                 |             |         |          |          |
|                 |             |         |          |          |

| UL/CUL 技术参数           |                                   |                  |     |     |
|-----------------------|-----------------------------------|------------------|-----|-----|
| UL/CUL Technical Data |                                   |                  |     |     |
| 等级                    | Use Group                         | B                | C   | D   |
| 额定电压                  | Rated Voltage [V]                 | 300              | -   | 300 |
| 额定电流                  | Rated Current [A]                 | 14.5             | -   | 10  |
| 接线范围                  | Wire Range                        | -                |     |     |
| 单/多芯线                 | Solid/Stranded [AWG]              | -                |     |     |
| 耐压                    | Withstanding Voltage              | 1600V/1Min       |     |     |
| IEC 技术参数              |                                   |                  |     |     |
| IEC Technical Data    |                                   |                  |     |     |
| 过电压类别                 | Overvoltage Category              | III              | III | II  |
| 污染等级                  | Contamination Class               | 3                | 2   | 2   |
| 额定电压                  | Rated Voltage [V]                 | 160              | 160 | 320 |
| 额定电流                  | Rated Current [A]                 | 20               | 20  | 20  |
| 额定冲击电压                | Impulse withstand voltagea [KV]   | 4.0              | 4.0 | 4.0 |
| 导线截面积                 | Conductor cross section           | 2.5              |     |     |
| 硬质/柔性导线               | Solid/flexible [mm <sup>2</sup> ] | 2.5              |     |     |
| 材料                    |                                   |                  |     |     |
| 绝缘材料                  | Insulation Material               | PA66             |     |     |
| 阻燃等级                  | Inflammability                    | UL94V-0          |     |     |
| 导体材料                  | Contacting Material               | 铜合金 Copper alloy |     |     |
| 导体表面镀层                | Contactive Coating                | 镀锡 Tin Plated    |     |     |
| 一般参数                  |                                   |                  |     |     |
| 间距                    | Pitch [mm]                        | 5.0              |     |     |
| 极数                    | Poles [P]                         | 02-14            |     |     |
| 剥线长度                  | Stripping Length [mm]             | -                |     |     |
| 螺丝                    | Screw/扭矩 Torque(Max) [N.m]        | -                |     |     |
| 工作温度                  | Operating temperatur [°C]         | -40~+105         |     |     |
| 引针尺寸                  | Pin Dimensions [mm]               | 3.80             |     |     |
| PCB板孔径                | PCB Hole Diameter [mm]            | 1.4              |     |     |

|      |     |      |          |  |    |         |    |                               |     |                             |        |   |
|------|-----|------|----------|--|----|---------|----|-------------------------------|-----|-----------------------------|--------|---|
| DES. | SJD | DATE | 22.04.13 | 单位/UNITS                                     | mm | 尺寸/SIZE | A4 | 比例/SCALE                      | 1:1 | 第三视角/THIRD ANGLE PROJECTION | 版本/REV | A |
| CHK. | BY  | DATE | 22.04.13 | 慈溪市科发电子有限公司<br>CIXI KEFA ELECTRONIC CO., LTD |    |         |    | 名称/TITLE<br><b>KF9EDR-5.0</b> |     |                             |        |   |
| APP. | CLF | DATE | 22.04.13 |  |    |         |    |                               |     |                             |        |   |